

## CLAIMS

What is claimed is:

1. A data processing system for managing resources comprising:
  - an inventory tracking unit adapted to maintain inventory data for a plurality of
  - resources;
  - an inventory modification unit in communication with the inventory tracking unit and adapted to modify inventory data;
  - a contract management unit adapted to maintain contract data for one or more resource contracts, wherein each resource contract is associated with one or more of said plurality of resources;
  - a bill processing unit adapted to maintain billing data associated with each of said plurality of resources; and
  - a processing unit adapted to reconcile the billing data, contract data, and inventory data.
2. The system of claim 1, wherein the resources are telecommunications resources.
3. The system of claim 1, wherein the inventory modification unit is adapted to initiate orders for new resources and to update the inventory tracking unit with inventory data representative of the new resource.
4. The system of claim 1, wherein the inventory modification unit is adapted to modify inventory data for each of said plurality of resources.
5. The system of claim 1, wherein the inventory tracking unit is adapted to automatically update inventory data when new resources are ordered.
6. The system of claim 1, wherein the inventory tracking unit is adapted to automatically update inventory data when existing resources are cancelled.
7. The system of claim 1, wherein the processing unit is adapted to identify billing discrepancies between the billing data and the contract data.
8. The system of claim 1, further comprising:
  - a reporting unit adapted to generate reports.

9. The system of claim 8, wherein the reporting unit is adapted to generate billing disputes.

10. The system of claim 8, wherein the reporting unit is adapted to generate reports representative of bills approved for payment.

5 11. The system of claim 1, further comprising:  
a trouble ticket unit adapted to resolve problems associated with resources and to store historical analytical data.

12. The system of claim 1, wherein the processor unit is further adapted to compare the billing data, contract data, and inventory data to confirm that the billing data corresponds to  
10 current inventory data and contract data.

13. A method for managing resources of an organization comprising the steps of:  
maintaining inventory data representative of a plurality of resources;  
modifying inventory data when one or more resources is modified;  
maintaining contract data for one or more resource contracts, wherein each  
15 resource contract is associated with one or more of the plurality of resources;  
maintaining billing data associated with each of the plurality of resources; and  
reconciling the billing data, contract data, and inventory data.

14. The method of claim 13, wherein the resources are telecommunications resources.

15. The method of claim 13, wherein the step of modifying inventory data is further  
20 adapted to initiate orders for new resources and to update the inventory data with inventory data representative of the new resource.

16. The method of claim 13, wherein the step of modifying inventory data is further adapted to modify inventory data for each of said plurality of resources.

17. The method of claim 13, wherein the step of modifying inventory data is further  
25 adapted to automatically update inventory data when new resources are ordered.

18. The method of claim 13, wherein the step of modifying inventory data is further adapted to automatically update inventory data when existing resources are cancelled.

19. The method of claim 13, wherein the step of reconciling the billing data, contract data, and inventory data is further adapted to identify billing discrepancies between the billing data and the contract data.

20. The method of claim 13, further comprising:

5 generating billing dispute reports.

21. The method of claim 13, further comprising:

generating reports representative of bills approved for payment.

22. The method of claim 13, further comprising:

resolving problems associated with telecommunications resources.

10 23. The method of claim 13, wherein the step of reconciling the billing data, contract data, and inventory data is further adapted to compare the billing data, contract data, and inventory data to confirm that the billing data corresponds to current inventory data and contract data.

24. The method of claim 13, further comprising the step of canceling resources

15 associated with an employee when the employee leaves the organization.

25. The method of claim 13, further comprising the step of adding resources

associated with an employee when the employee joins the organization.